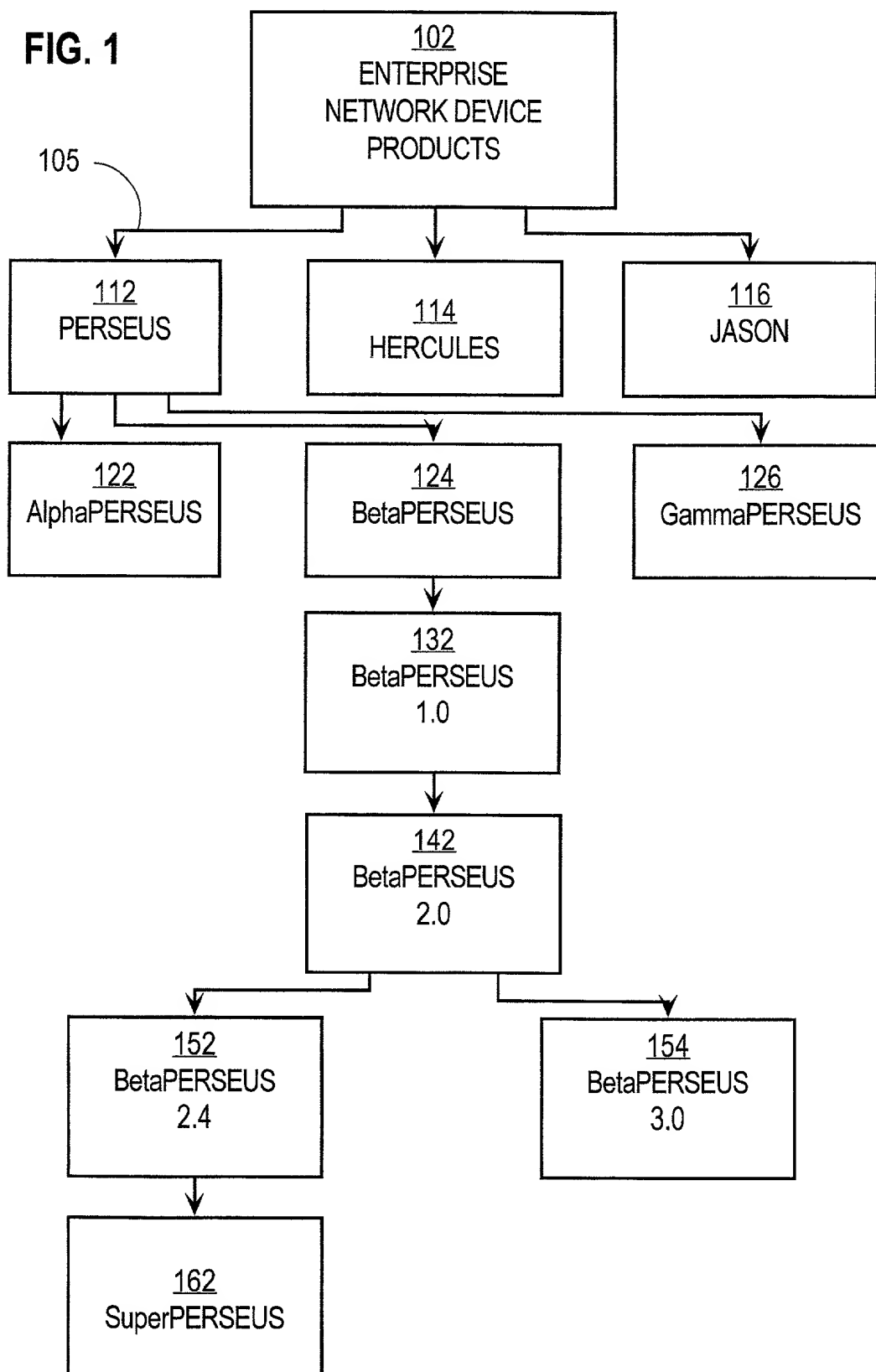
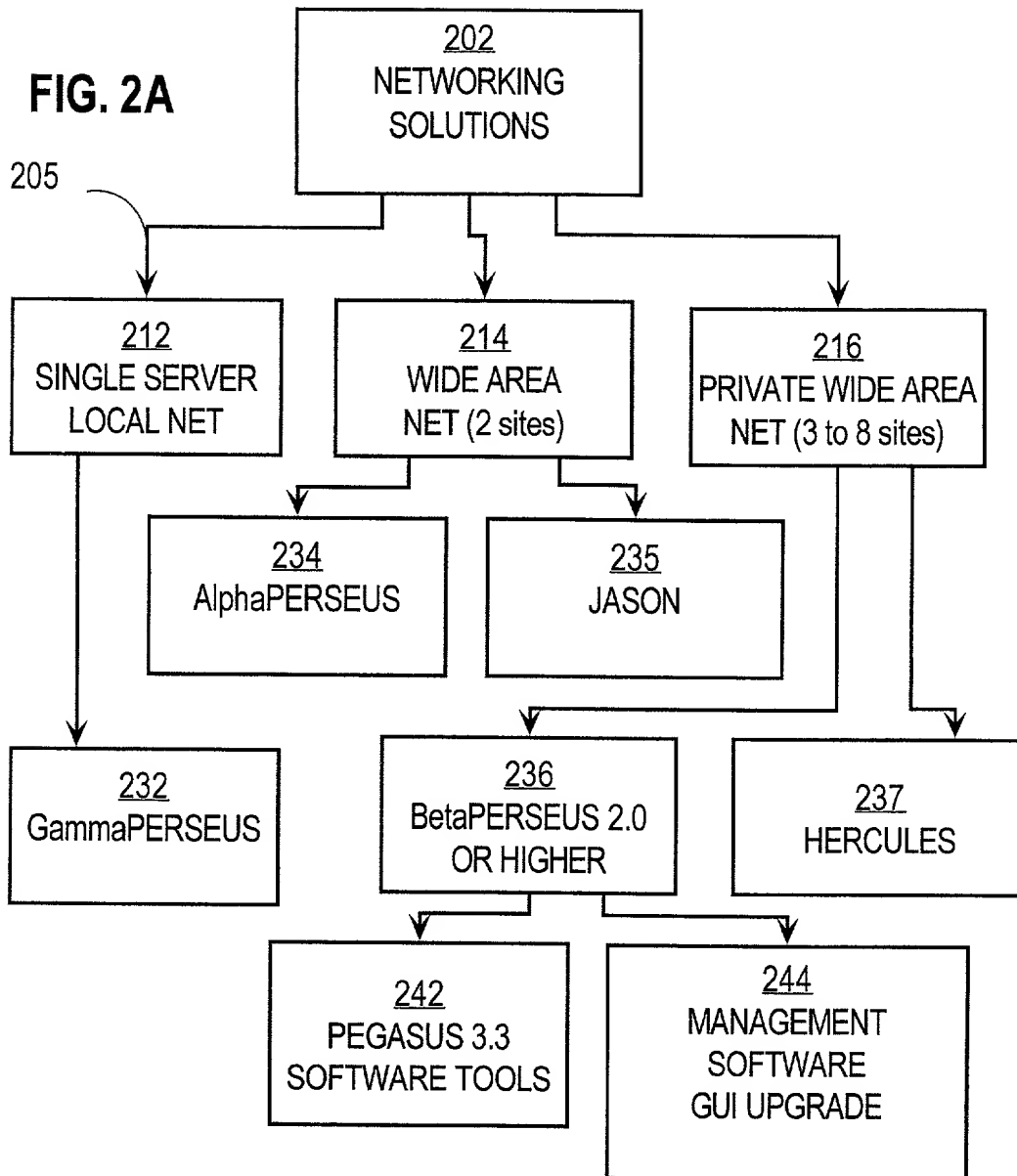


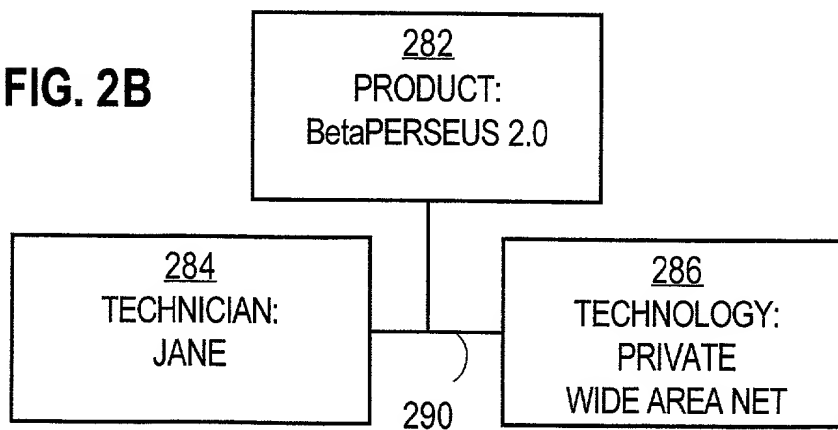
**FIG. 1**



**FIG. 2A**



**FIG. 2B**



**FIG. 3**

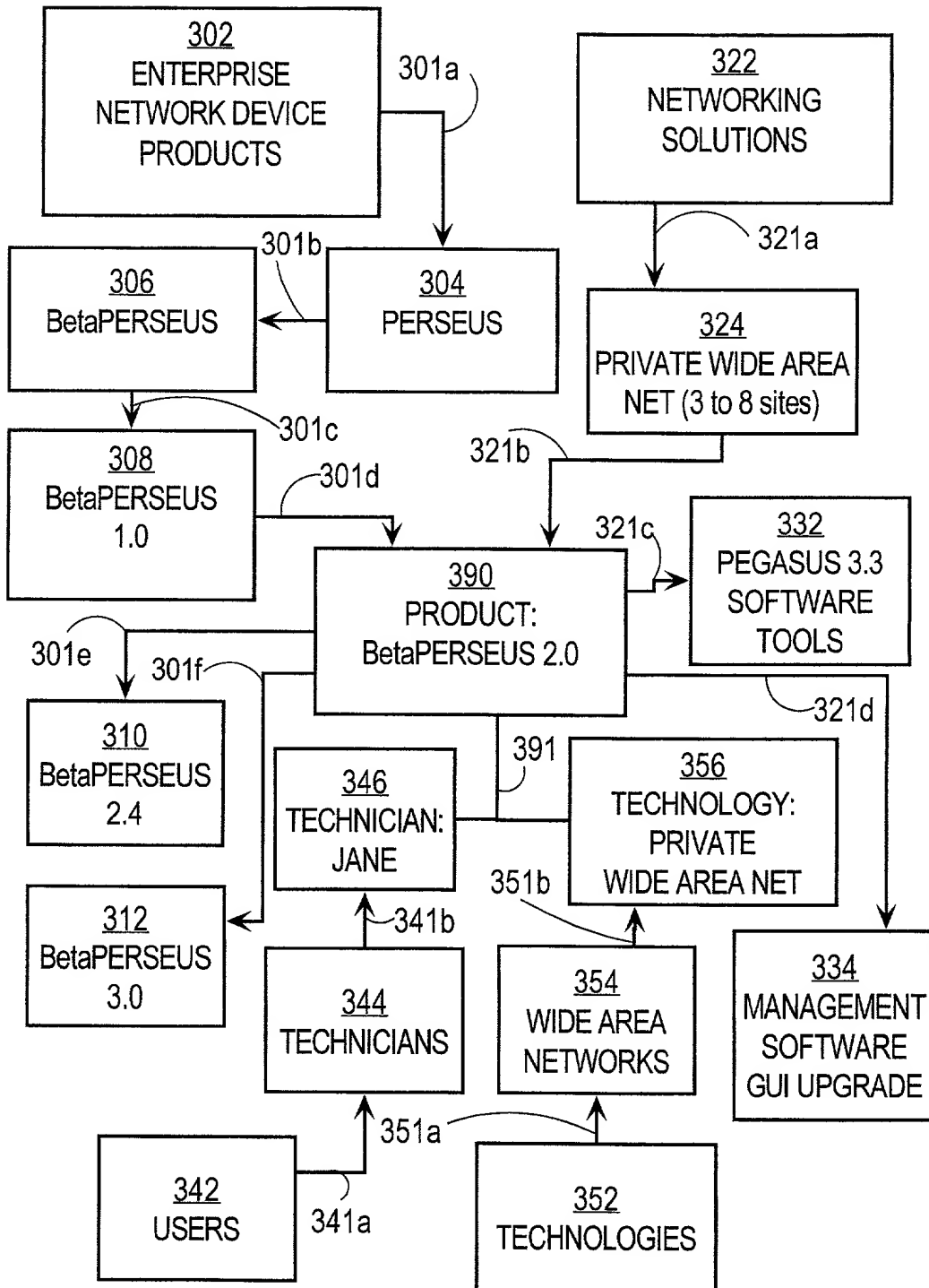
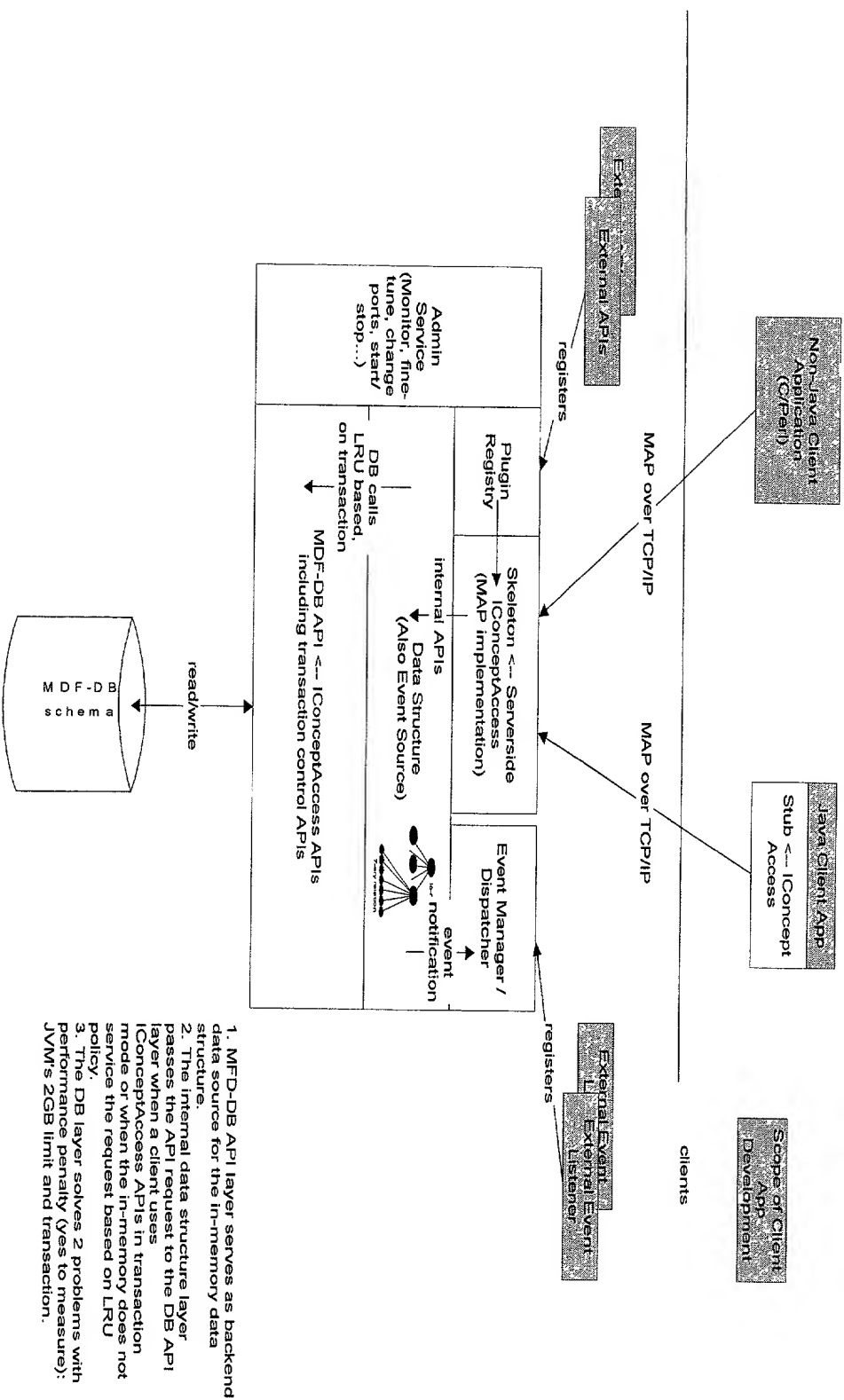
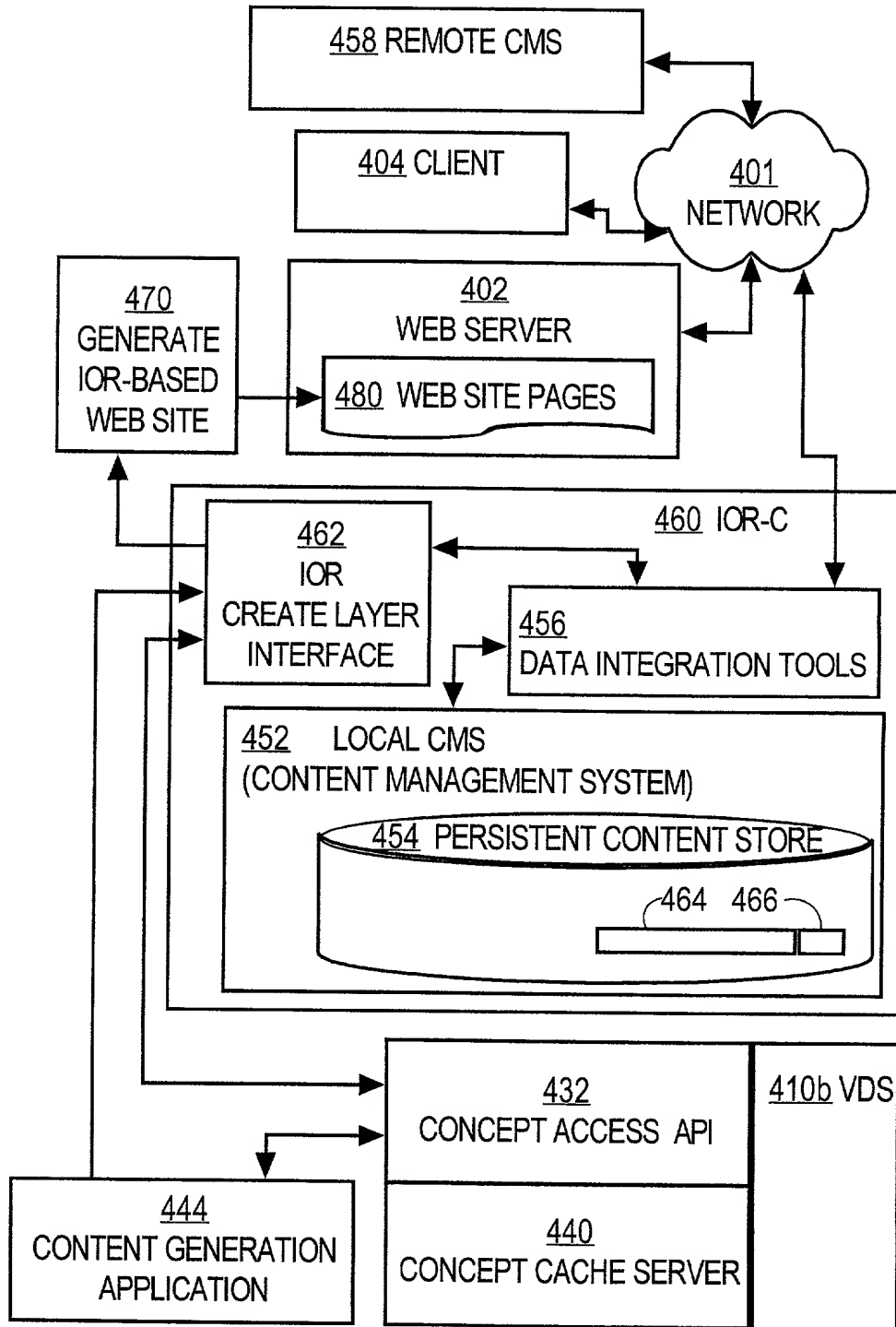


Fig. 4A

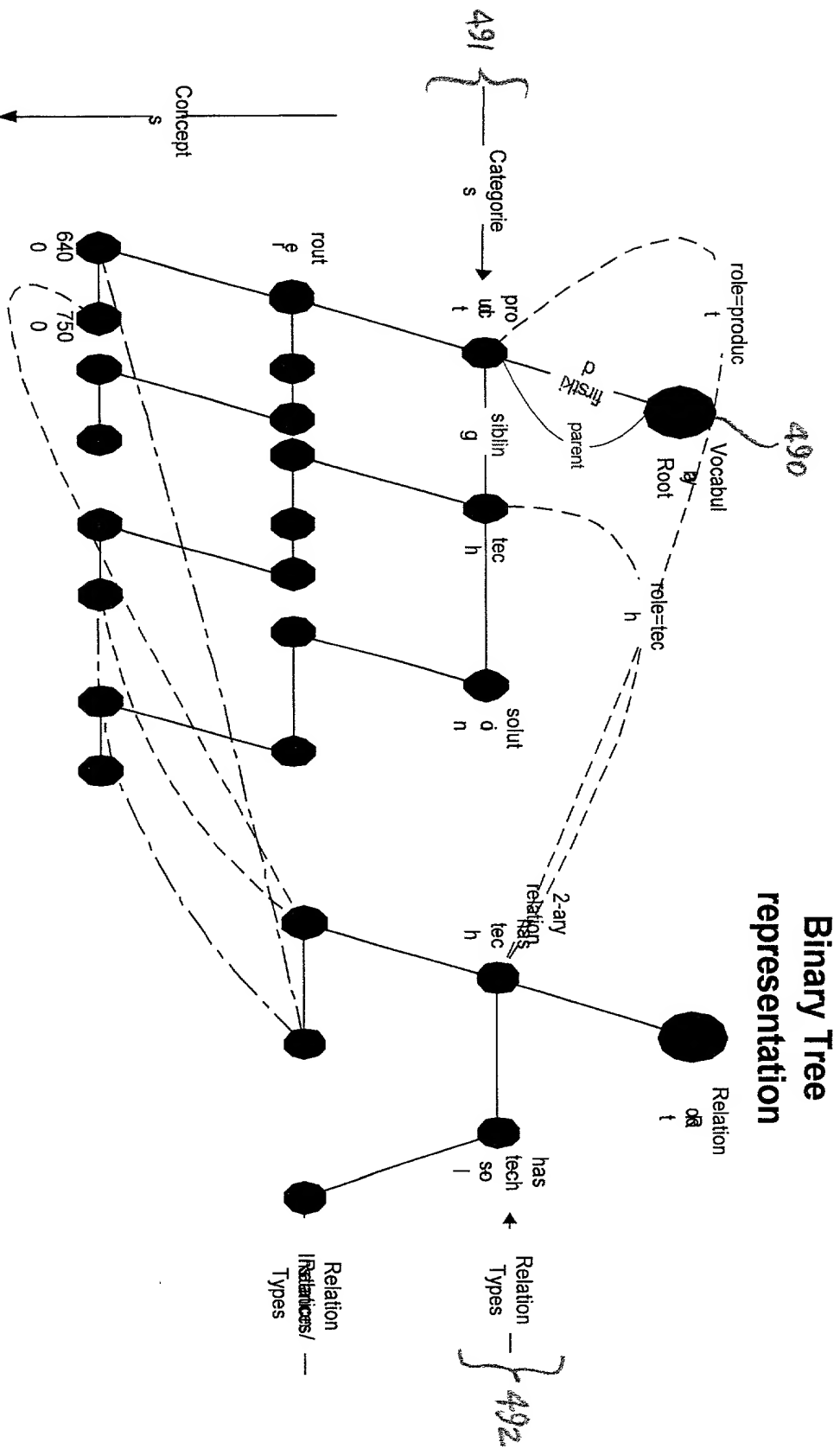


# MDF-DB Server Runtime Architecture

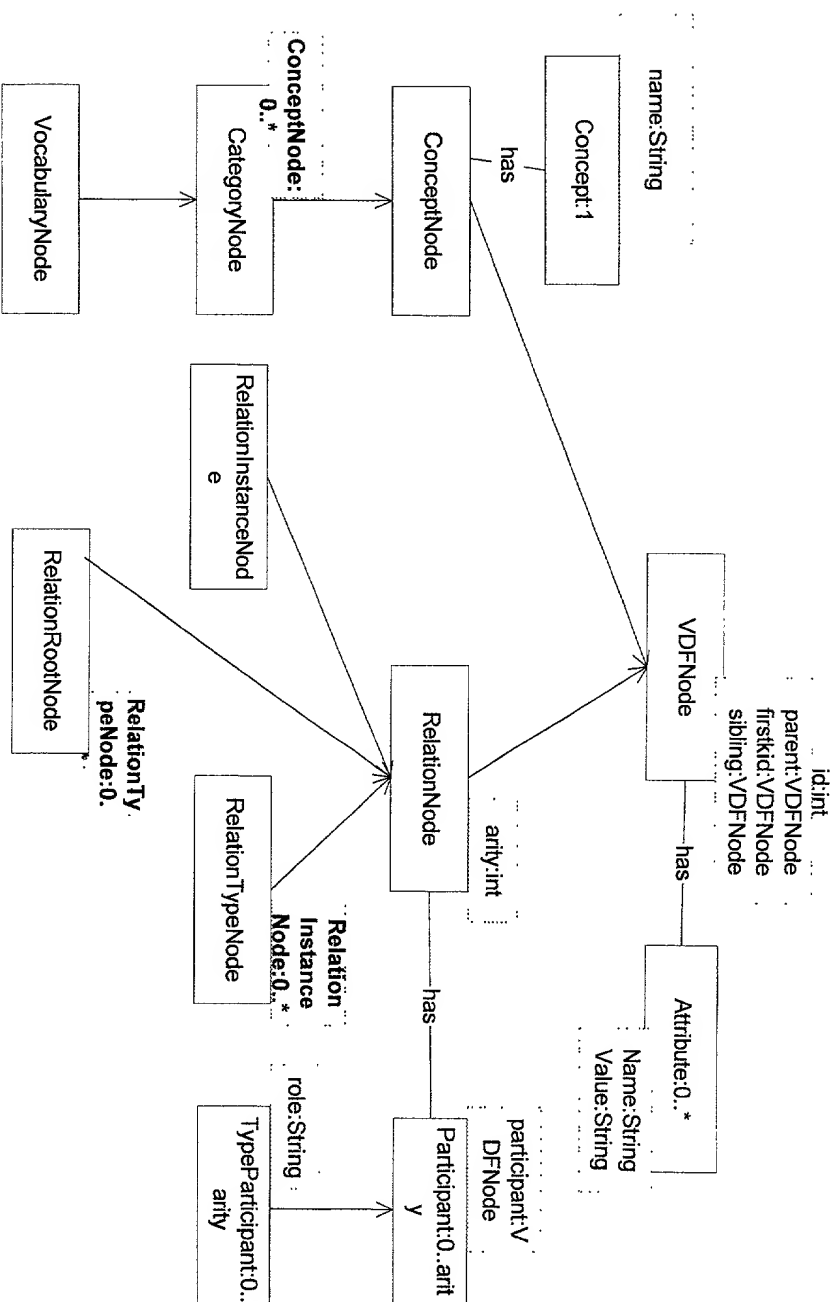
FIG. 4B



**Fig. 4C**

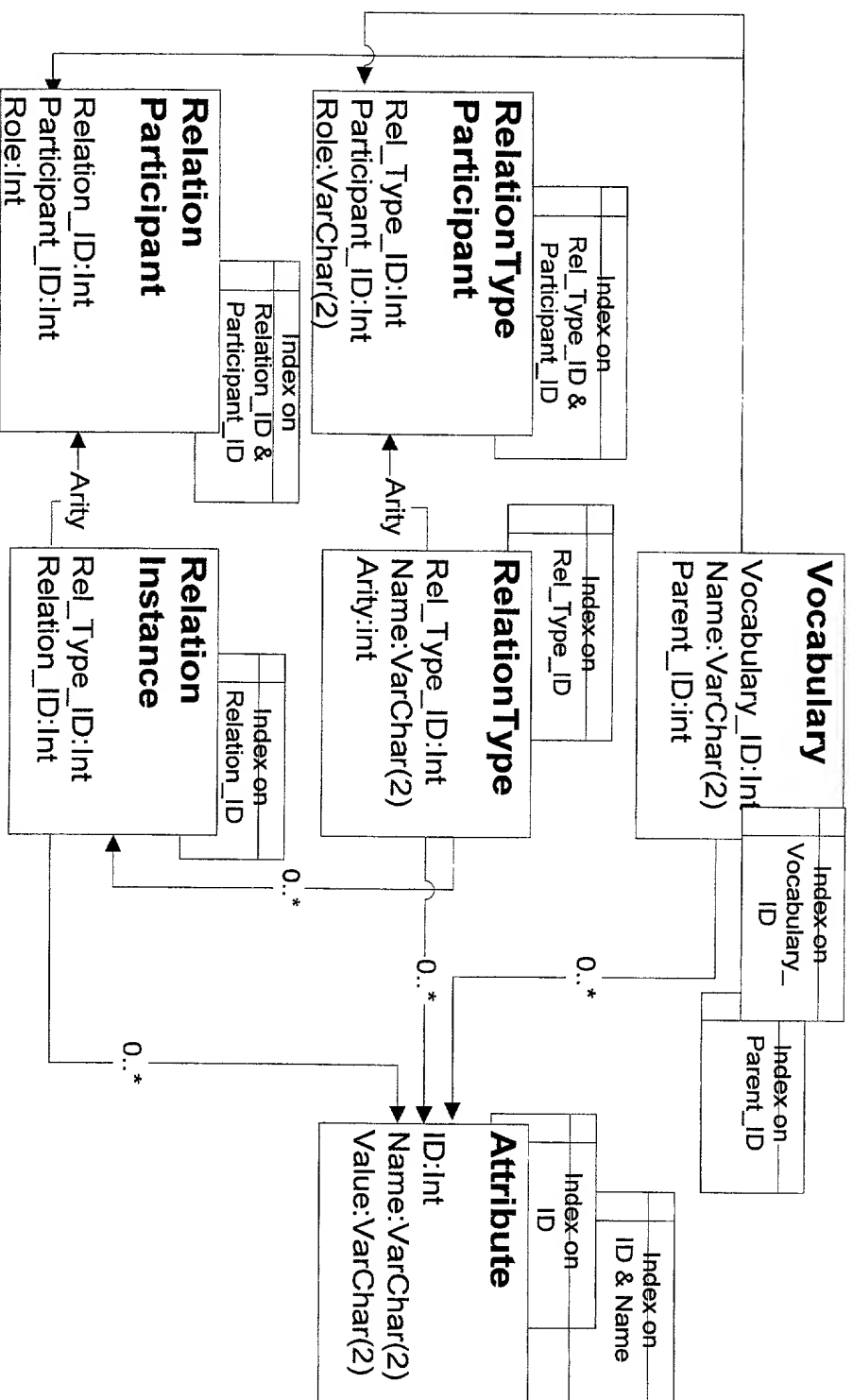


**Fig. 4D**



**Class hierarchy of MDF Data Structure**

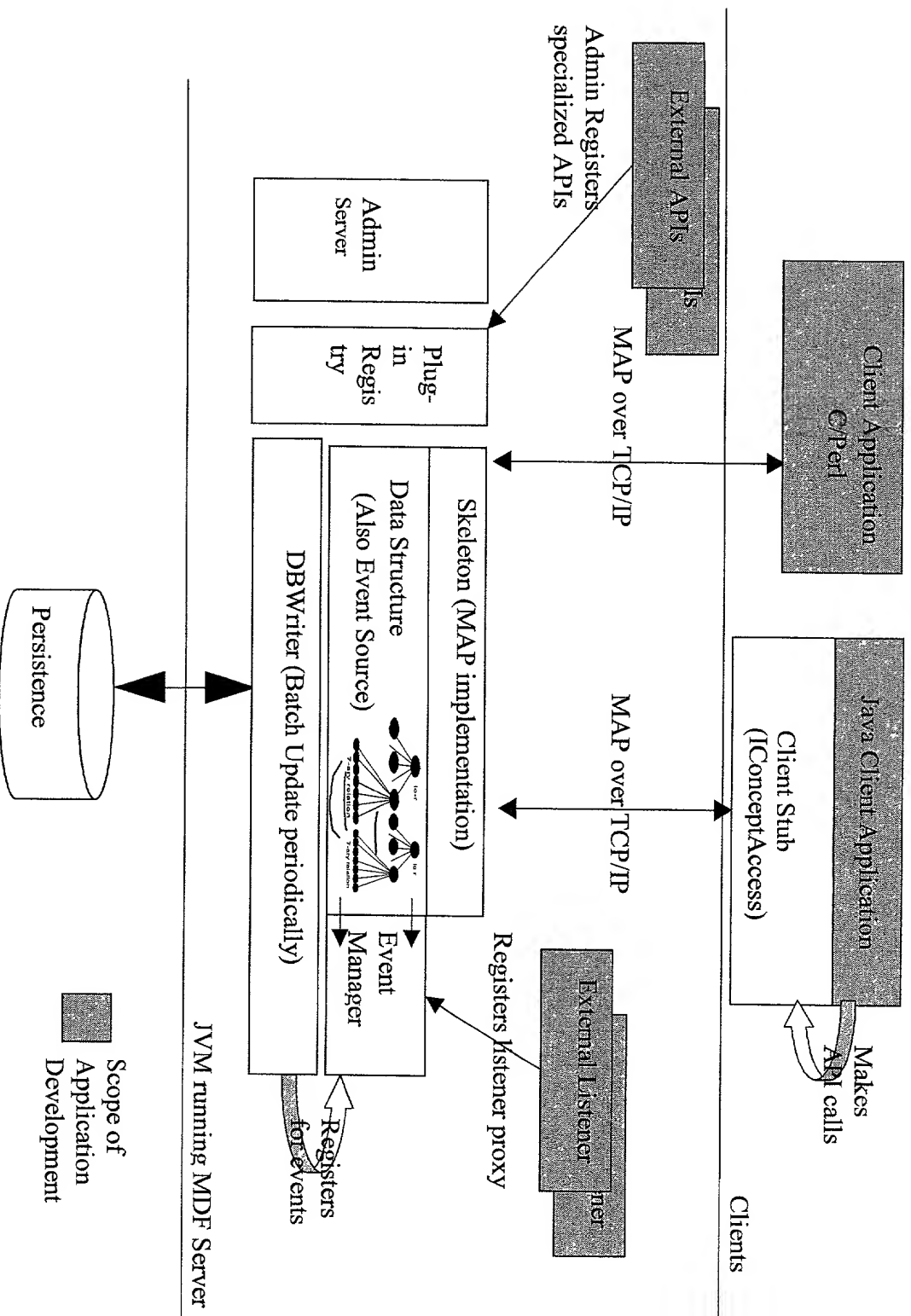
**Fig. 4E**



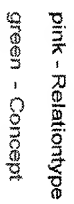
**MDF Server Persistent Tables**



**Fig. 4F**

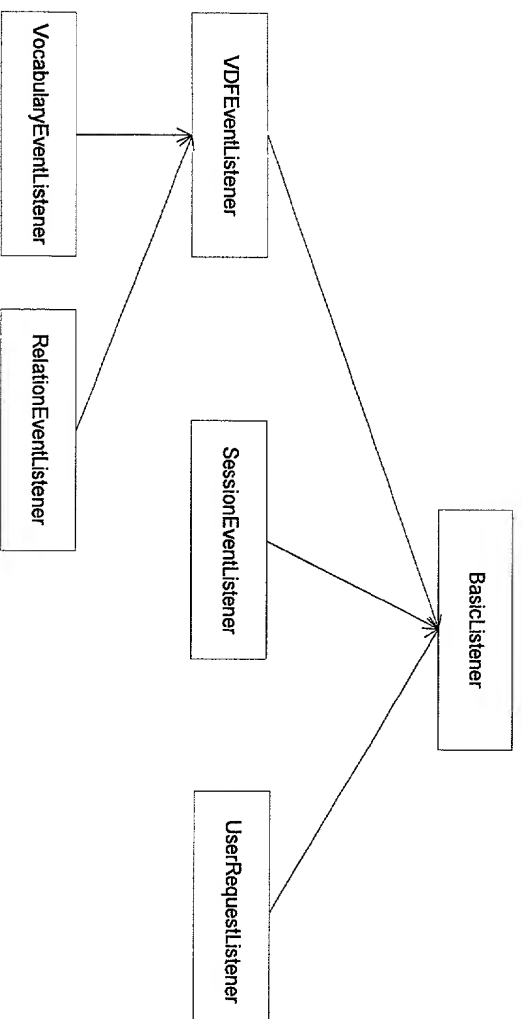


## ACL in VDS



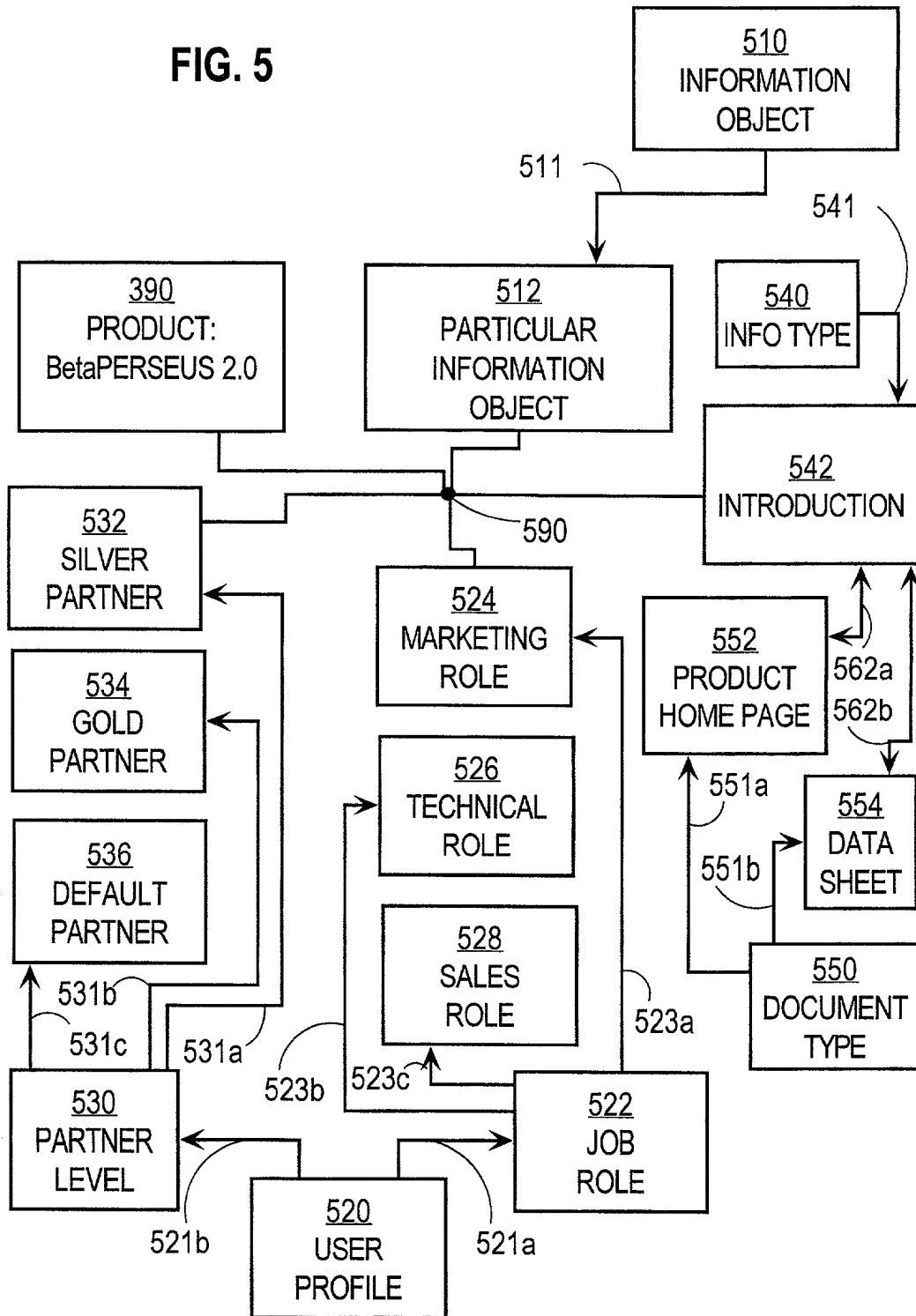
**Note:** Vocabulary as Relationship participant includes RelationshipTypes and instances.

*Fig. 4H*



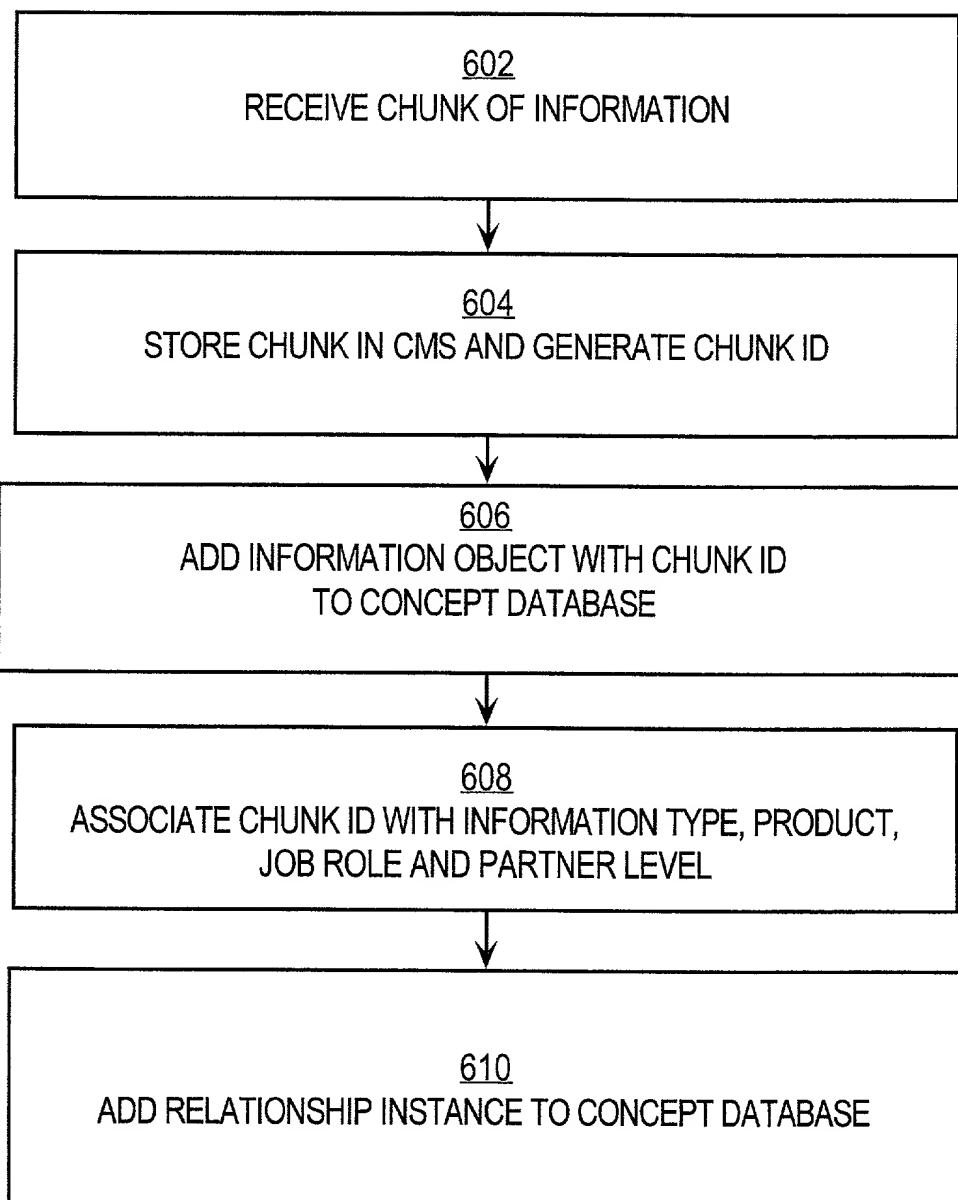
**Class hierarchy of VDS Event mechanism**

**FIG. 5**



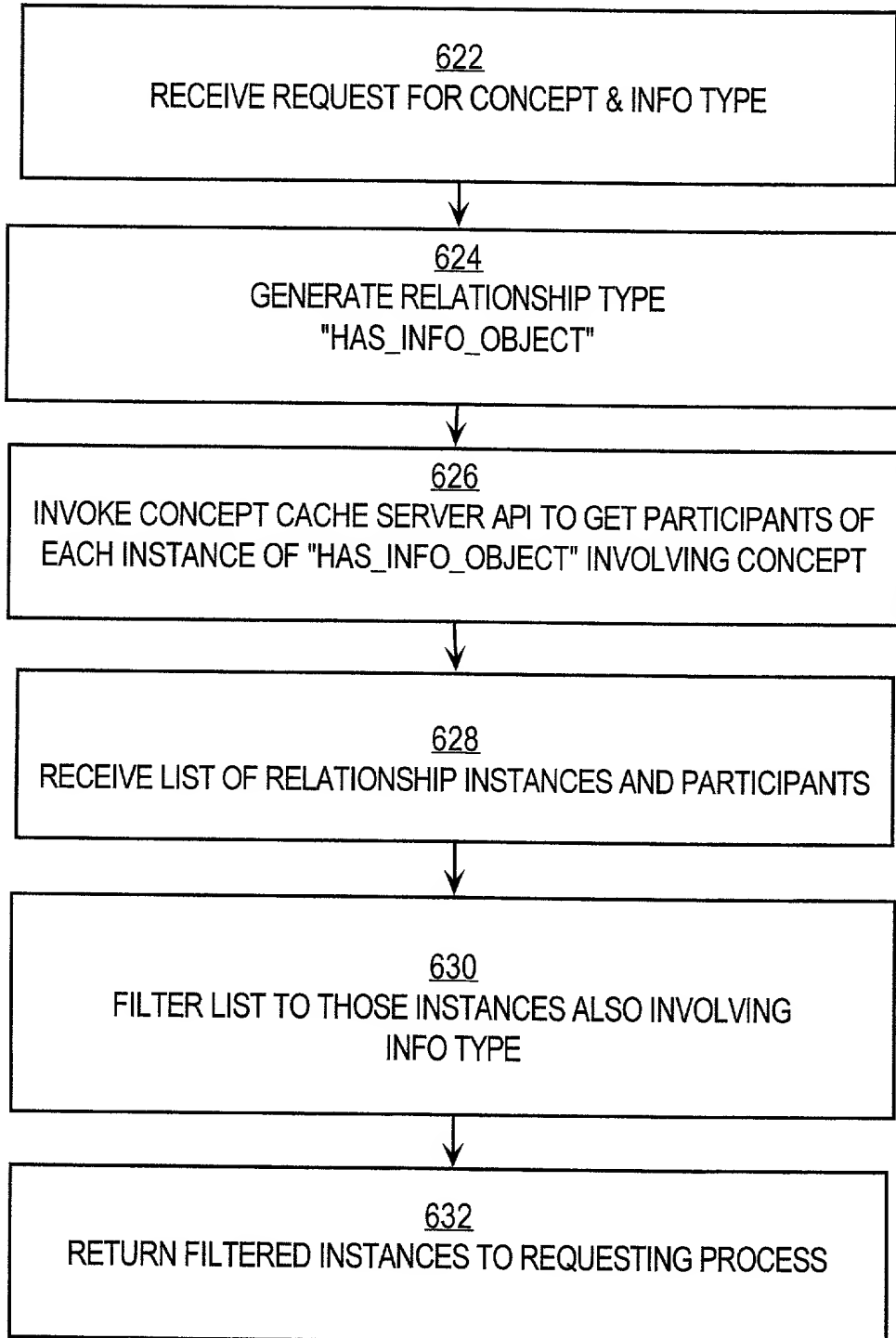
**FIG. 6A**

601



**FIG. 6B**

620



640

**FIG. 6C**

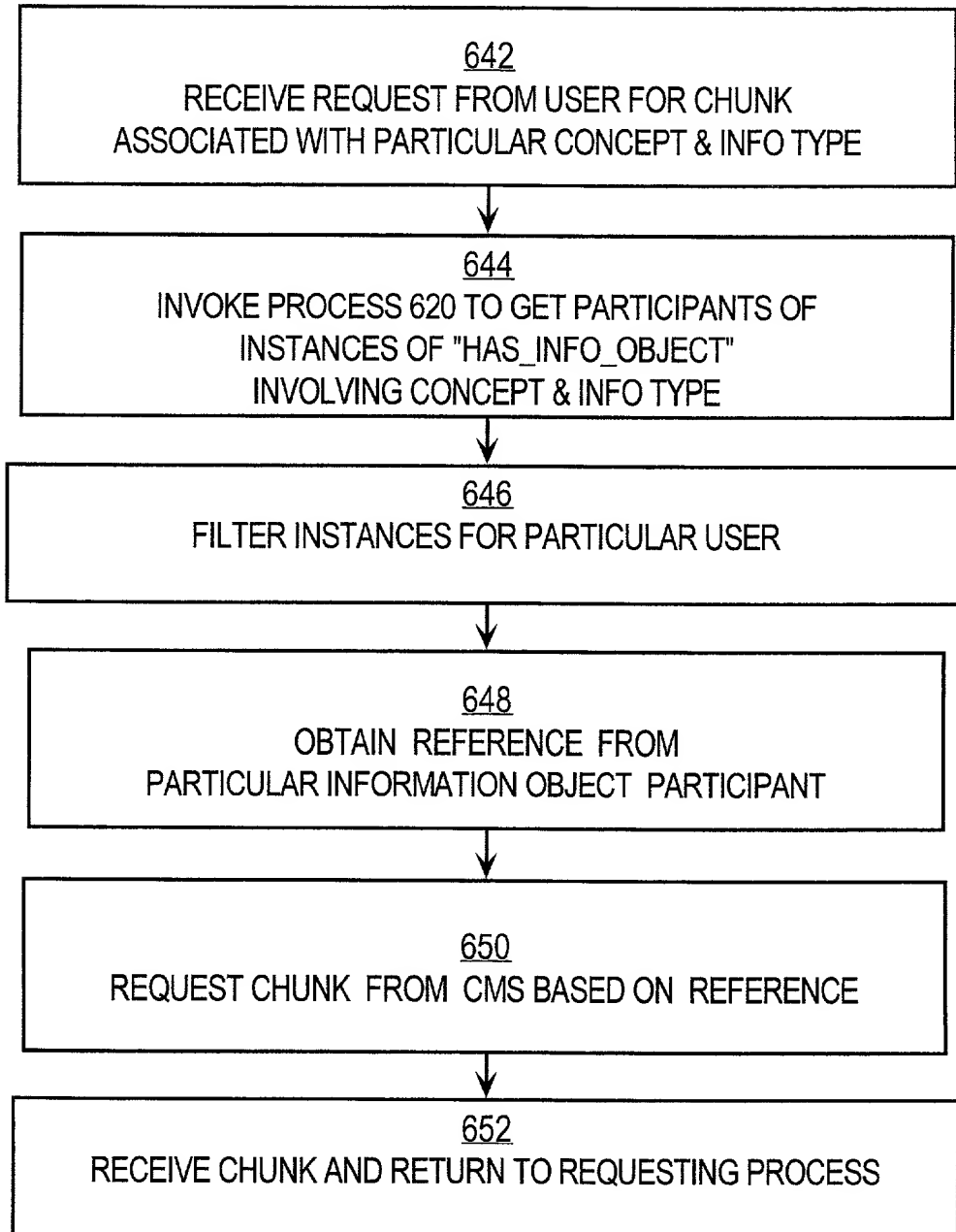
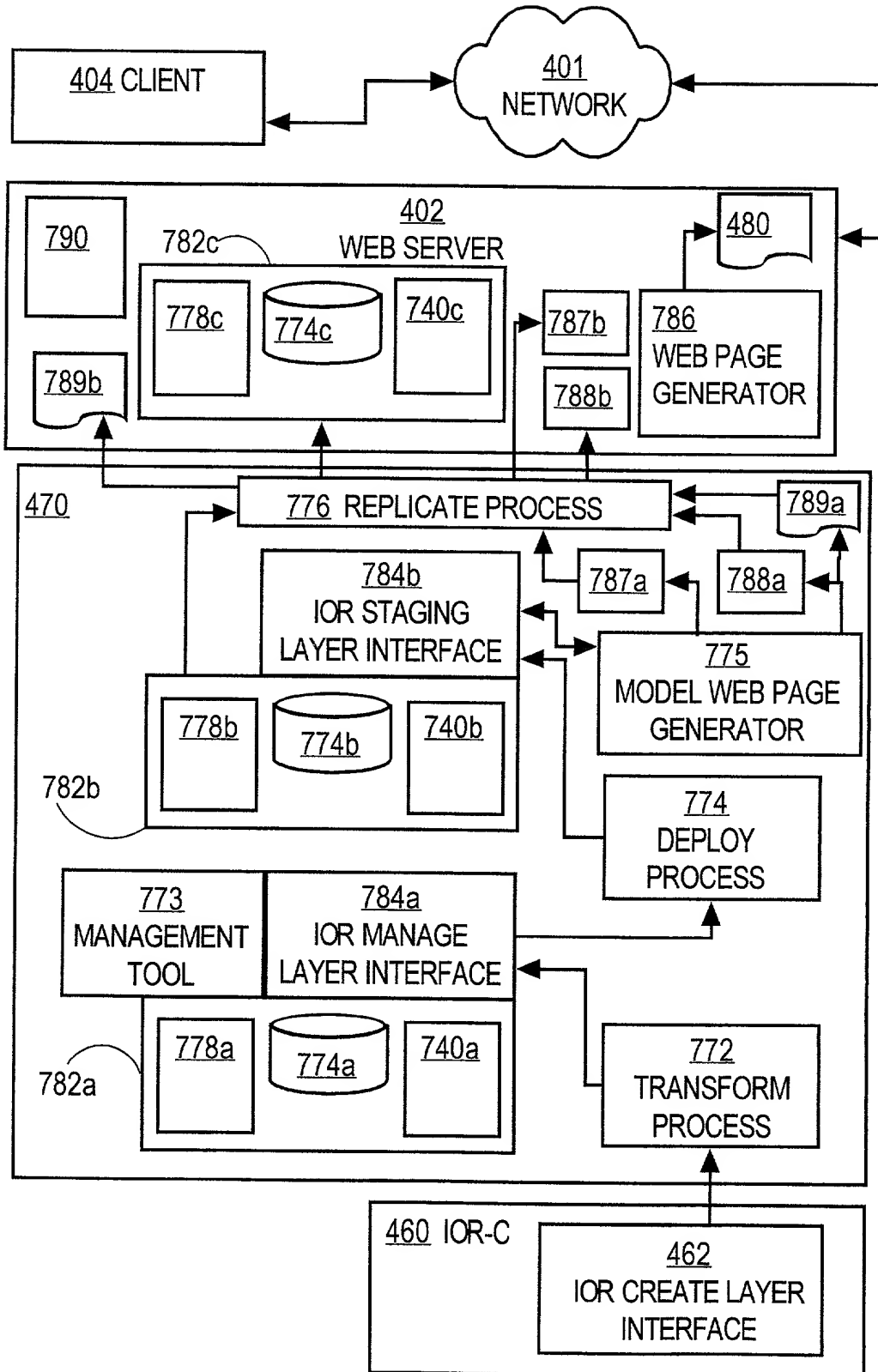


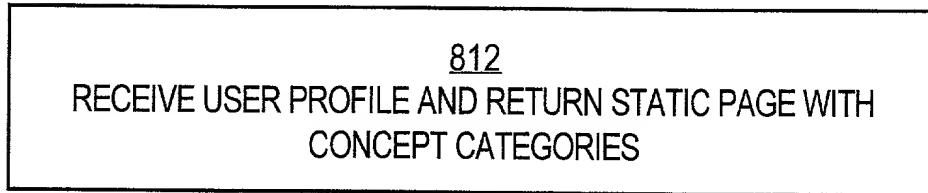
FIG. 7





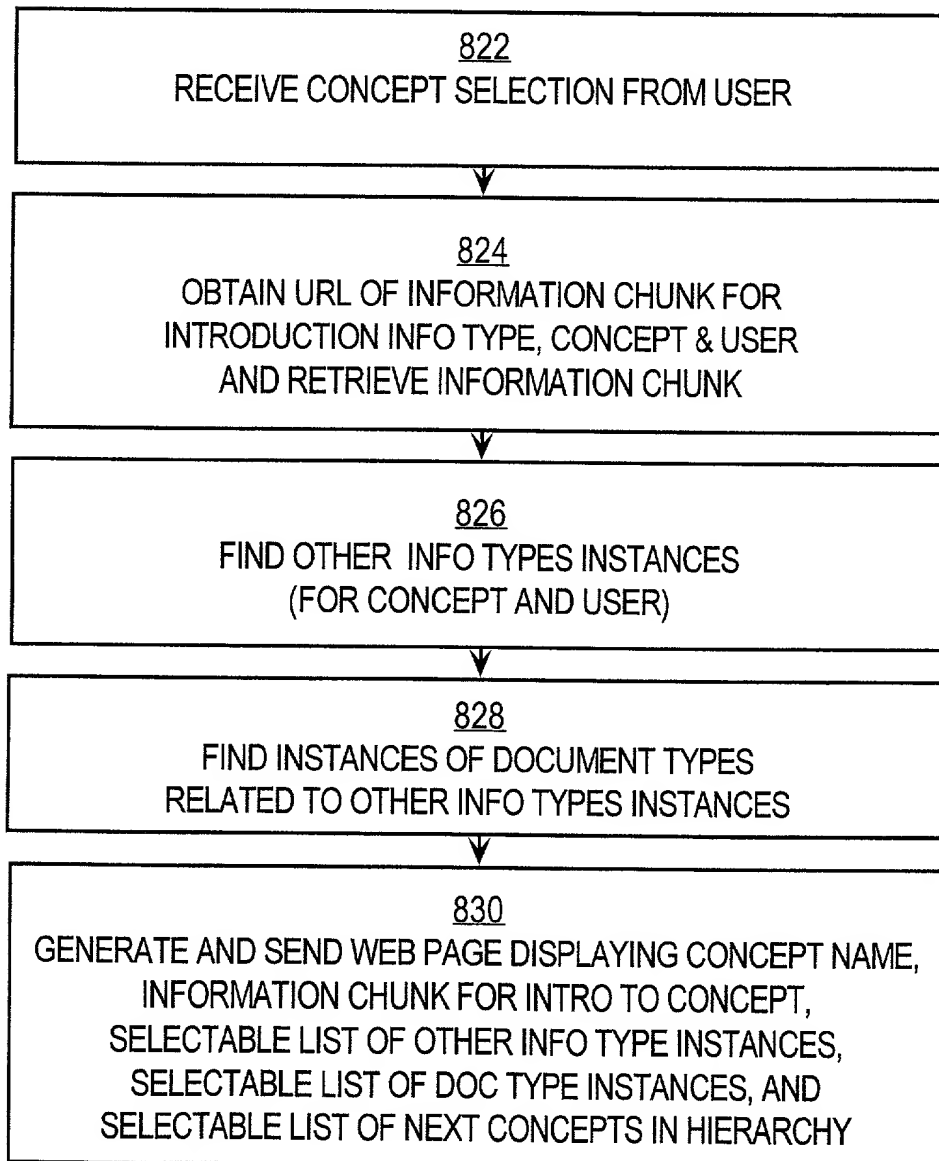
**FIG. 8A**

810

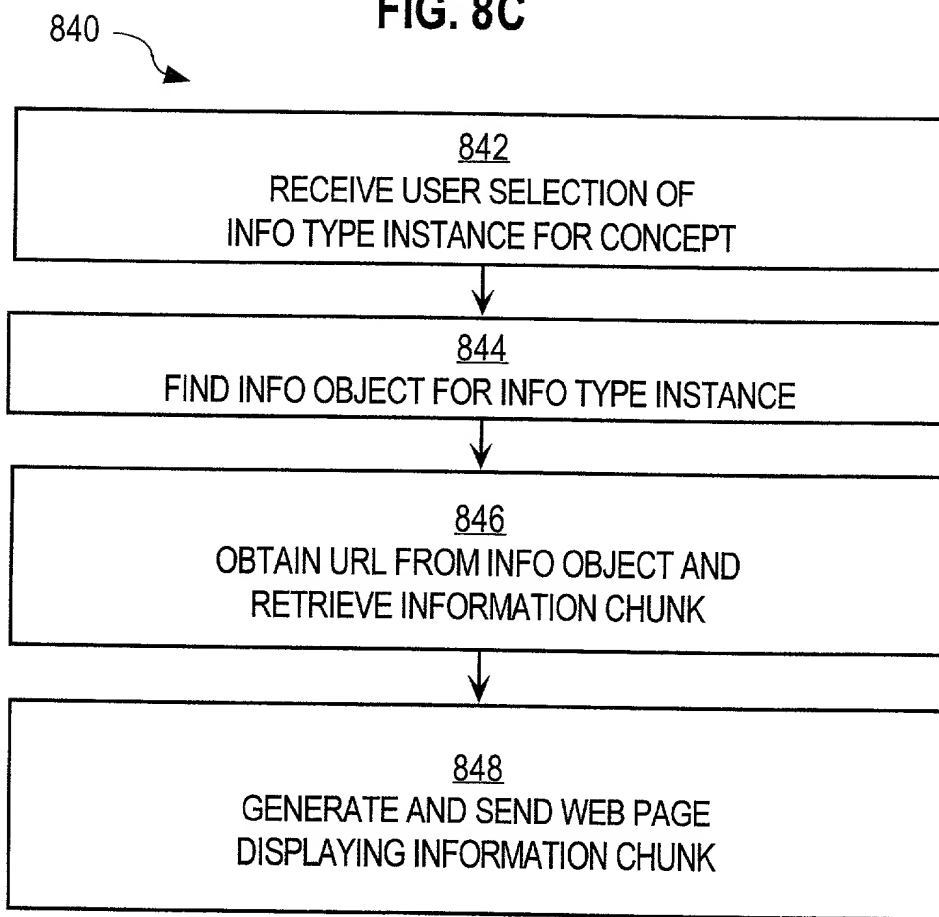


**FIG. 8B**

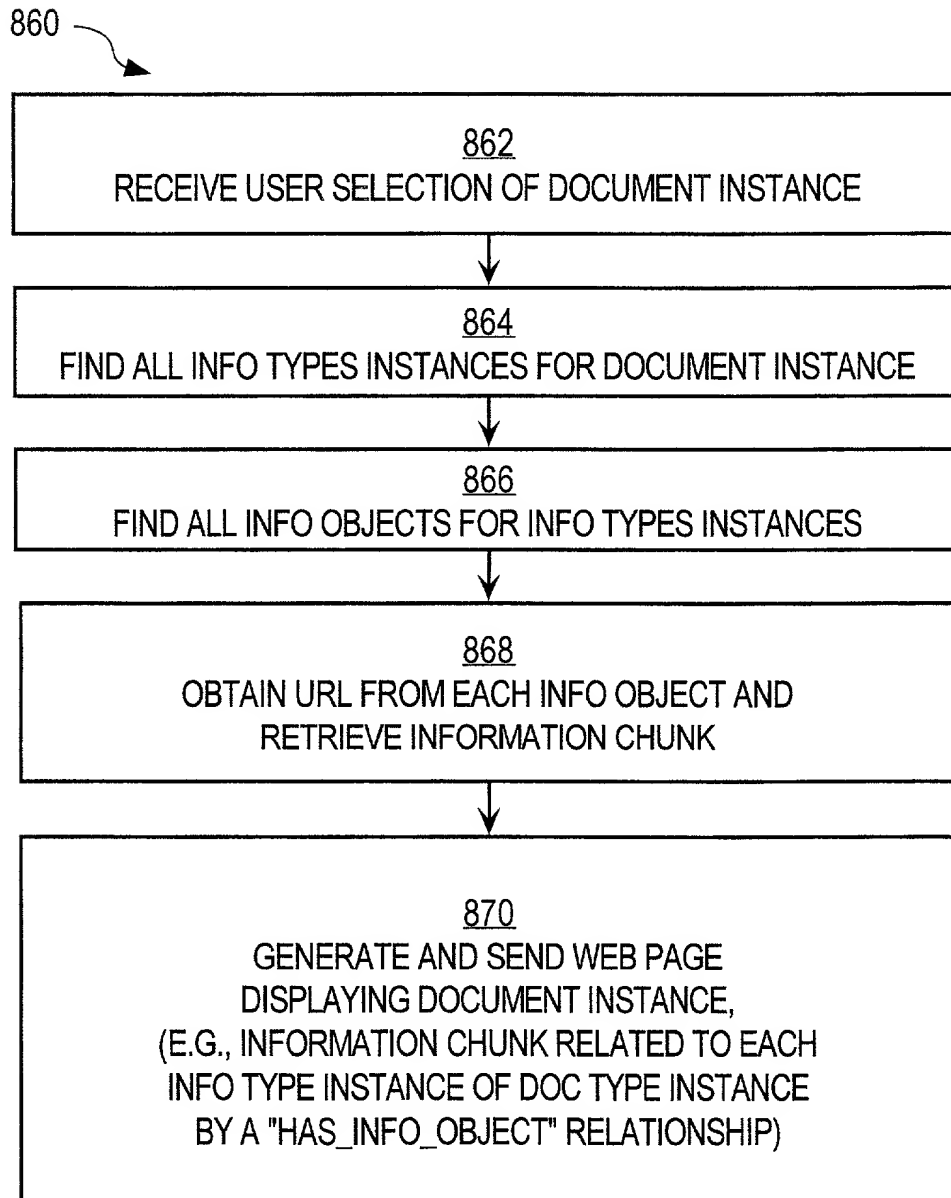
820



**FIG. 8C**

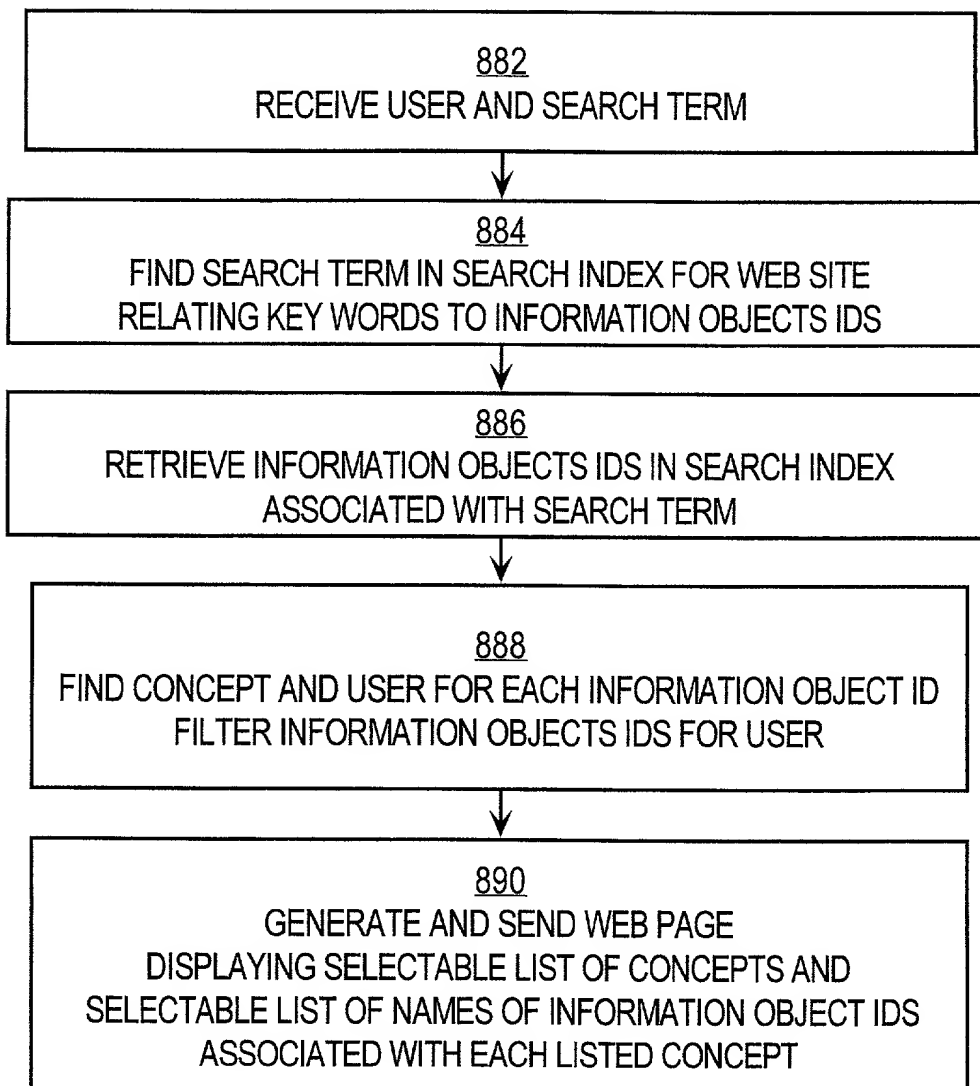


**FIG. 8D**



**FIG. 8E**

880



**FIG. 8F**

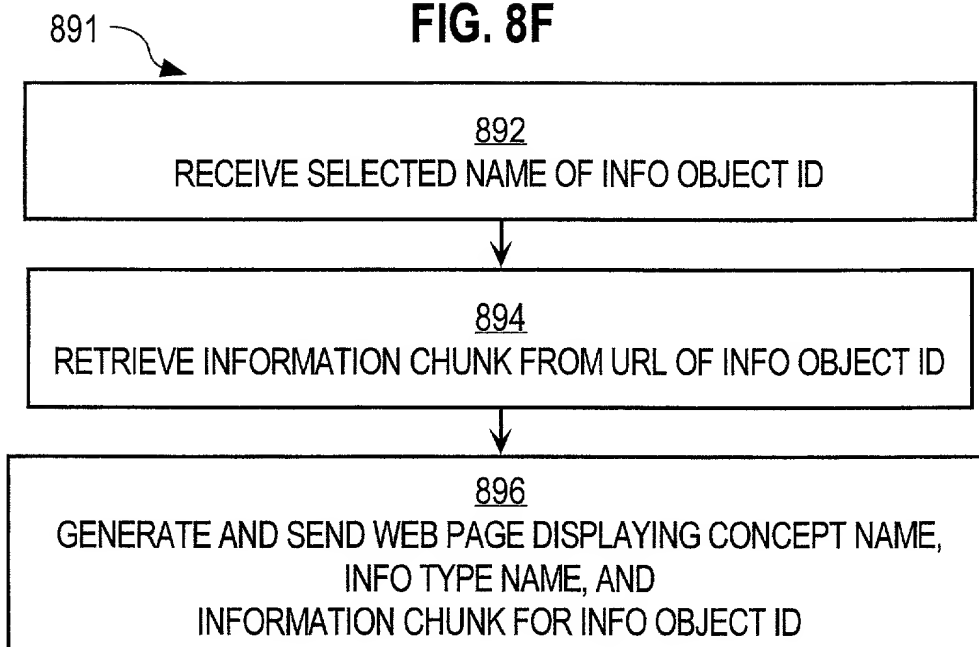
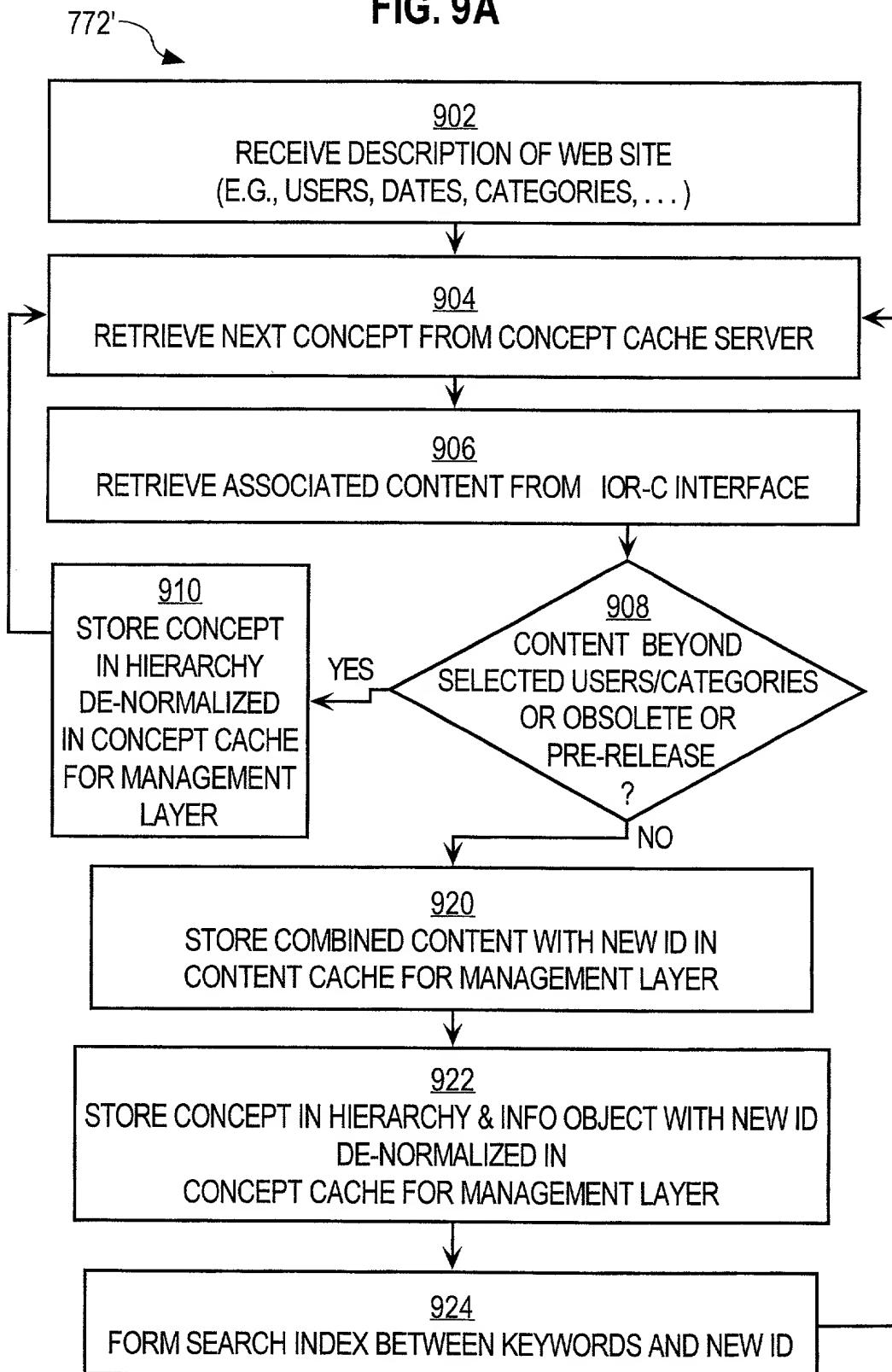
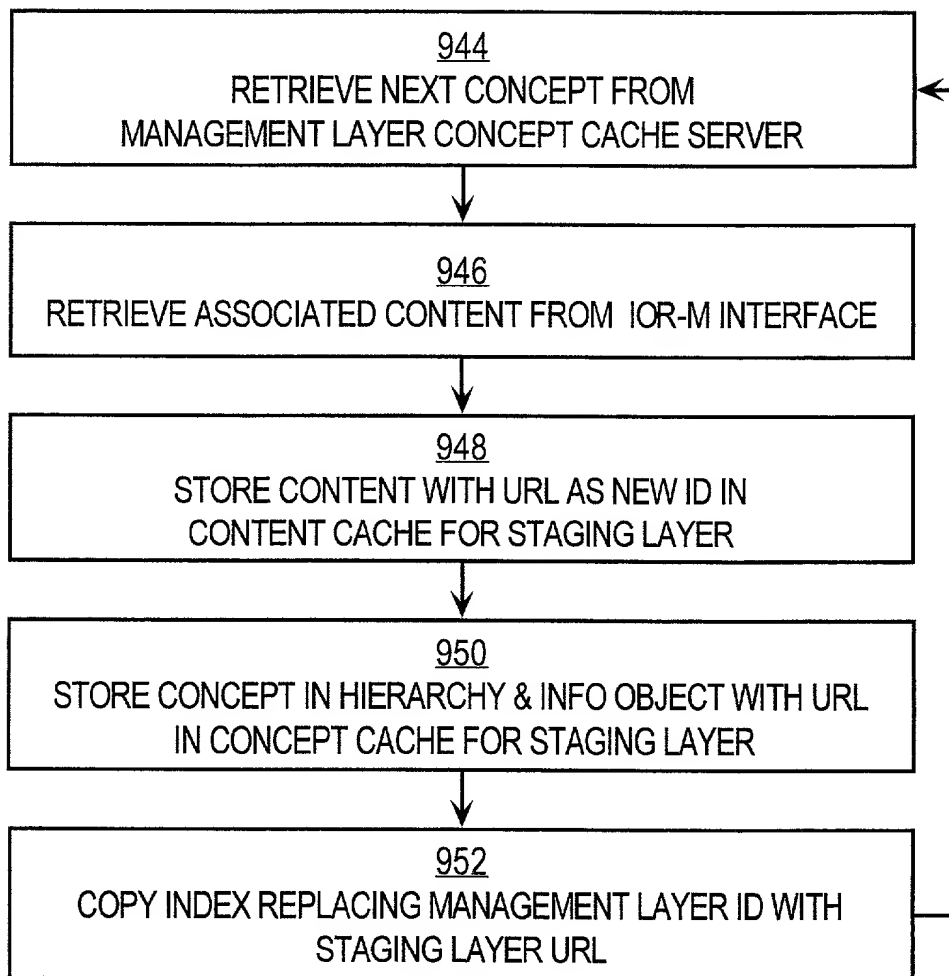


FIG. 9A




**FIG. 9B**

774' →



**FIG. 9C**

775' 

962

MODEL AND PREVIEW WEB PAGES FOR WEB SITE

964

RENDER STATIC PAGES FOR WEB SITE

966

ENSURE EVERY CHUNK HAS INFO OBJECT AND  
RELATIONSHIP TO ANOTHER CONCEPT

968

VIEW AND EDIT CHUNKS

970

TEST LOAD ON SERVER FOR GENERATING WEB PAGES

972

EDIT INDEX ENTRIES OF SEARCH INDEX



FIG. 10

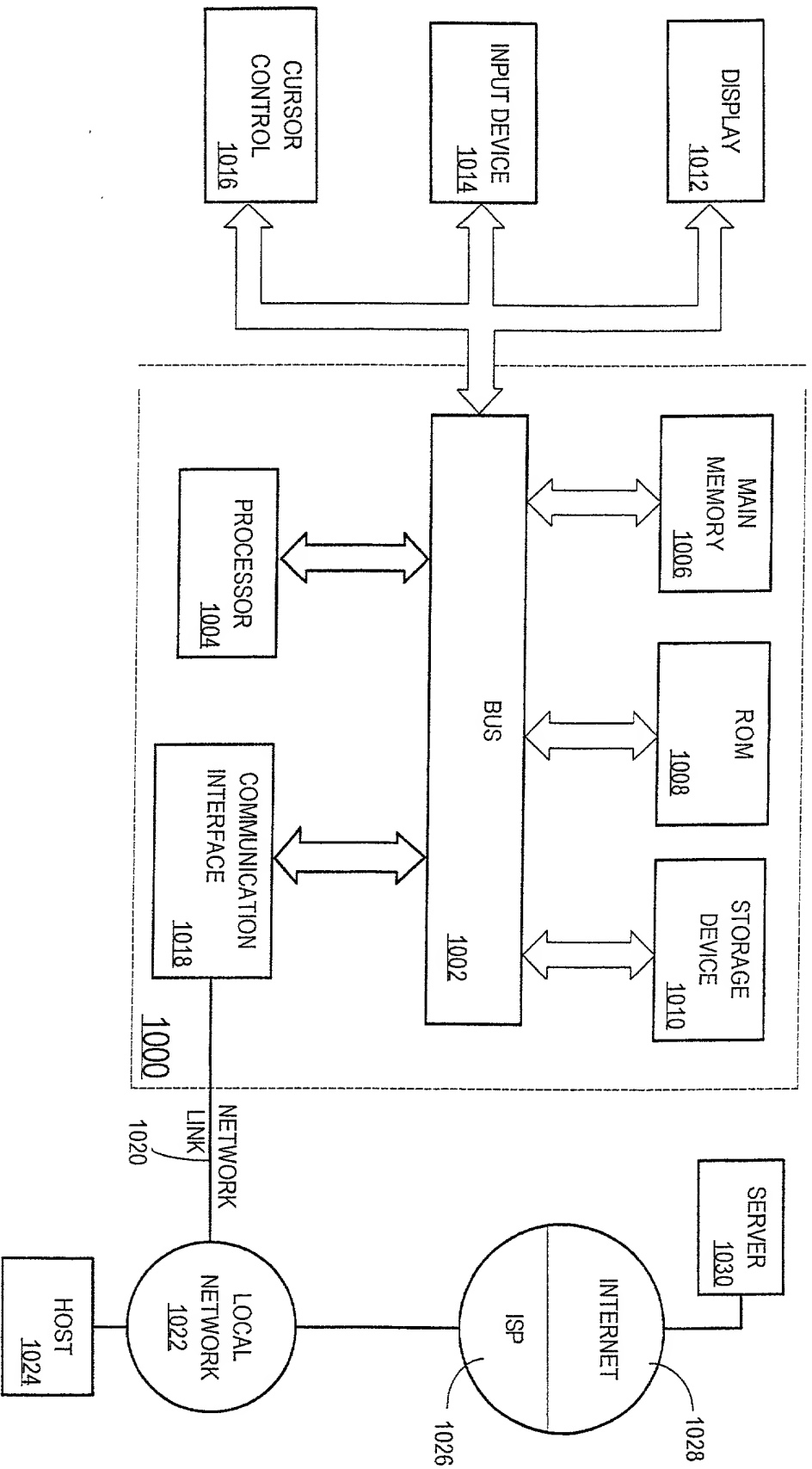


FIG. 11A

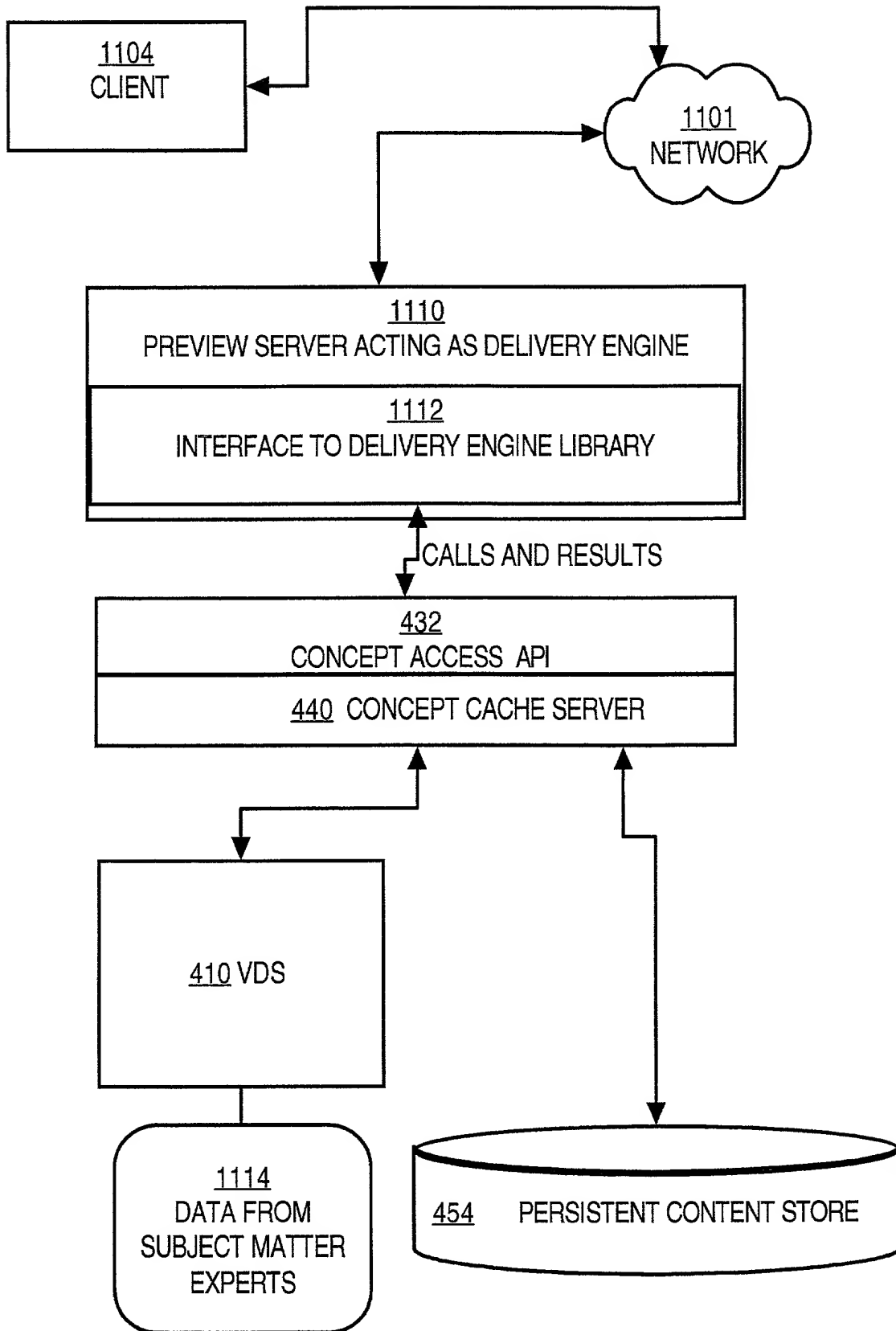
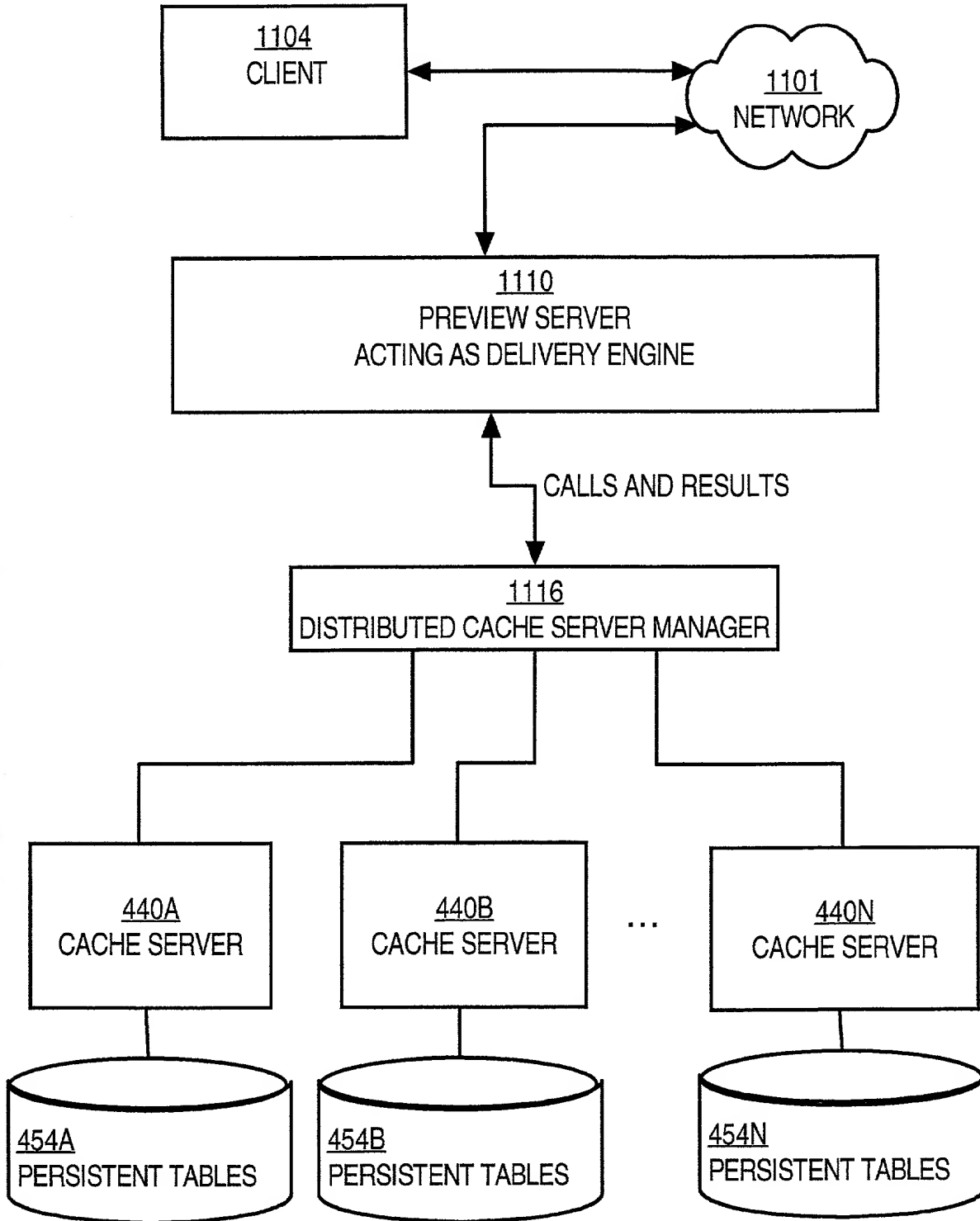
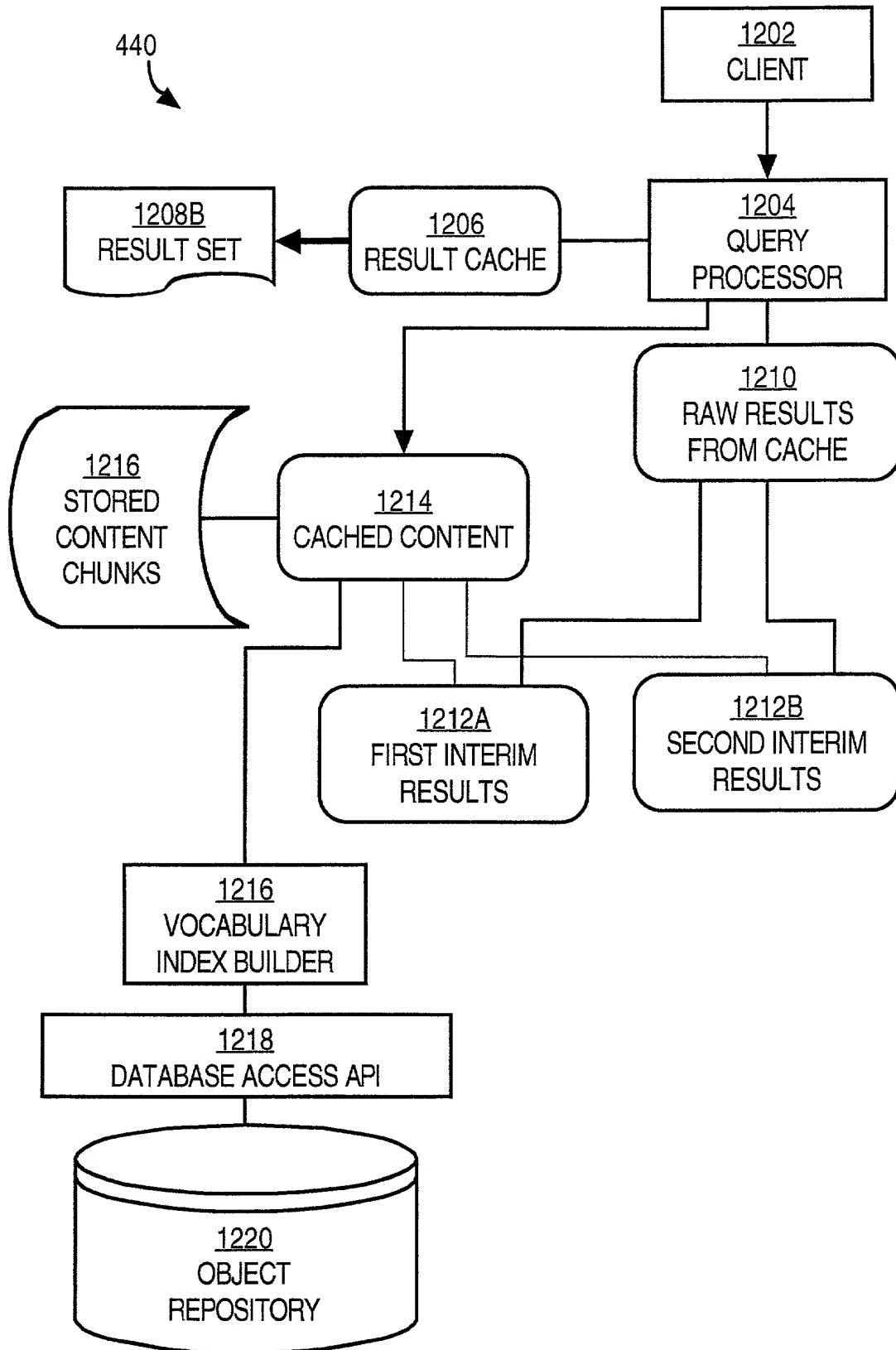


FIG. 11B



*Fig. 12*



# Fig. 13

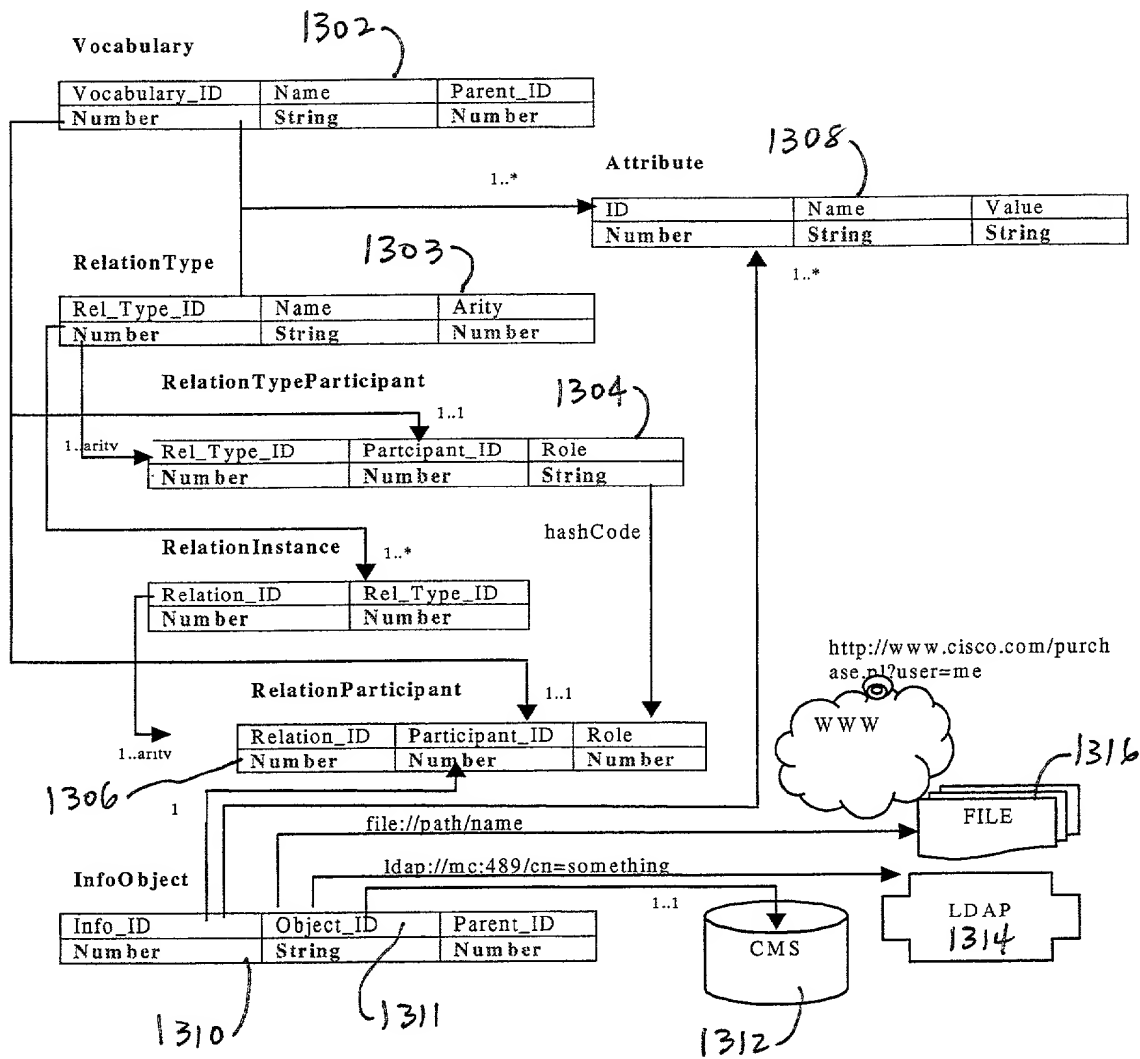


Fig. 14

